

City of Murray

Stormwater Permit Requirements for Construction Activity

Overview:

Construction projects one acre or larger must be covered by a federal Clean Water Act Stormwater KPDES permit, or Notice of Intent, (NOI). These permits are made available by the Kentucky Division of Water, or can be obtained through the City of Murray Planning and Engineering Department. If a project smaller than one acre is part of a larger development that exceeds one acre, it also must be covered by a stormwater (NOI). The main goal of the entire permit program is to keep sediment and other pollutants out of lakes, rivers, streams, and wetlands.

All construction activity covered under the EPA's (NOI), are required to:

- File an Erosion and Sediment Control Plan with the City of Murray Planning and Engineering Department. This plan requires you to note, and show the location of the erosion and sediment control measures you will use during construction.
- Develop and implement a "Stormwater Pollution Prevention Plan."
- Submit a signed Notice of Intent (NOI) form to the Kentucky Division of Water at least 48 hours before construction begins.
- Submit a copy of the (NOI) to the City of Murray Planning and Engineering Department.
- Continue to implement all plans and procedures during construction activity, including inspections every 7 days, and after each rainfall event of one-half inch or more.
- Submit a signed Notice of Termination (NOT) form to the Kentucky Division of Water, and the City of Murray Planning and Engineering Department after the site has been finally stabilized.

Erosion and Sediment Control Plan: (ESCP)

The purpose of an erosion and sediment control plan is to define and schedule the control measures that will be used to minimize erosion, detain excess stormwater runoff, and prevent off-site sedimentation. The plan should serve as a blueprint for the location, installation, and maintenance of practices to control all anticipated erosion, and prevent sediment and increased runoff from leaving the site.

Stormwater Pollution Prevention Plan: (SWPPP)

The SWPPP is a plan for how you will control stormwater runoff from your construction site. It is broader and more complicated than a typical erosion and sediment control plan. The SWPPP must be completed before you file an (NOI) to the Kentucky Division of

Water. You do not have to submit the SWPPP with your (NOI) to obtain permit coverage, but the plan must be made available on-site for review during inspections.

Basic SWPPP Principles:

- Divert stormwater away from disturbed or exposed areas of the construction site.
- Install “Best Management Practices” (BMP’s) to control erosion and sediment while also managing stormwater.
- Inspect the site regularly and properly maintain BMP’s, especially after rainstorms.
- Revise the SWPPP as site conditions change during construction and improve the SWPPP if BMP’s are not effectively controlling erosion and sediment.
- Minimize exposure of bare soils to precipitation to the extent practicable.
- Keep the construction site clean by putting trash in trash cans, keeping storage bins covered, and sweeping up excess sediment on roads and other impervious surfaces.

Additional information on the above information can be found within the links below.

NPDES - National Pollutant Discharge Elimination System

<http://cfpub.epa.gov/npdes/index.cfm>

KPDES – Kentucky Pollutant Discharge Elimination System

http://www.water.ky.gov/homepage_repository/KPDES.htm

(NOI) - (NOT) – Notice of Intent / Notice of Termination

<http://www.water.ky.gov/permitting/wastewaterpermitting/KPDES/storm/>

(SWPPP) – Stormwater Pollution Prevention Plan

<http://cfpub.epa.gov/npdes/stormwater/swppp.cfm>

Kentucky Best Management Practices for Construction Sites

(Planning and Technical Specification Manual)

http://www.water.ky.gov/NR/rdonlyres/3B3C05FD-53CD-41D4-8BE7-86A0EA21685C/0/KY_BMP_Manual_0_Introduction.pdf

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